Infor OS

2023.04 Product Release Highlights

Infor OS PMs

April 2023

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Infor OS

Enterprise UX

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Introducing Infor OS Portal

Enabling hyper-productivity for the end user

Improved CloudSuite navigation

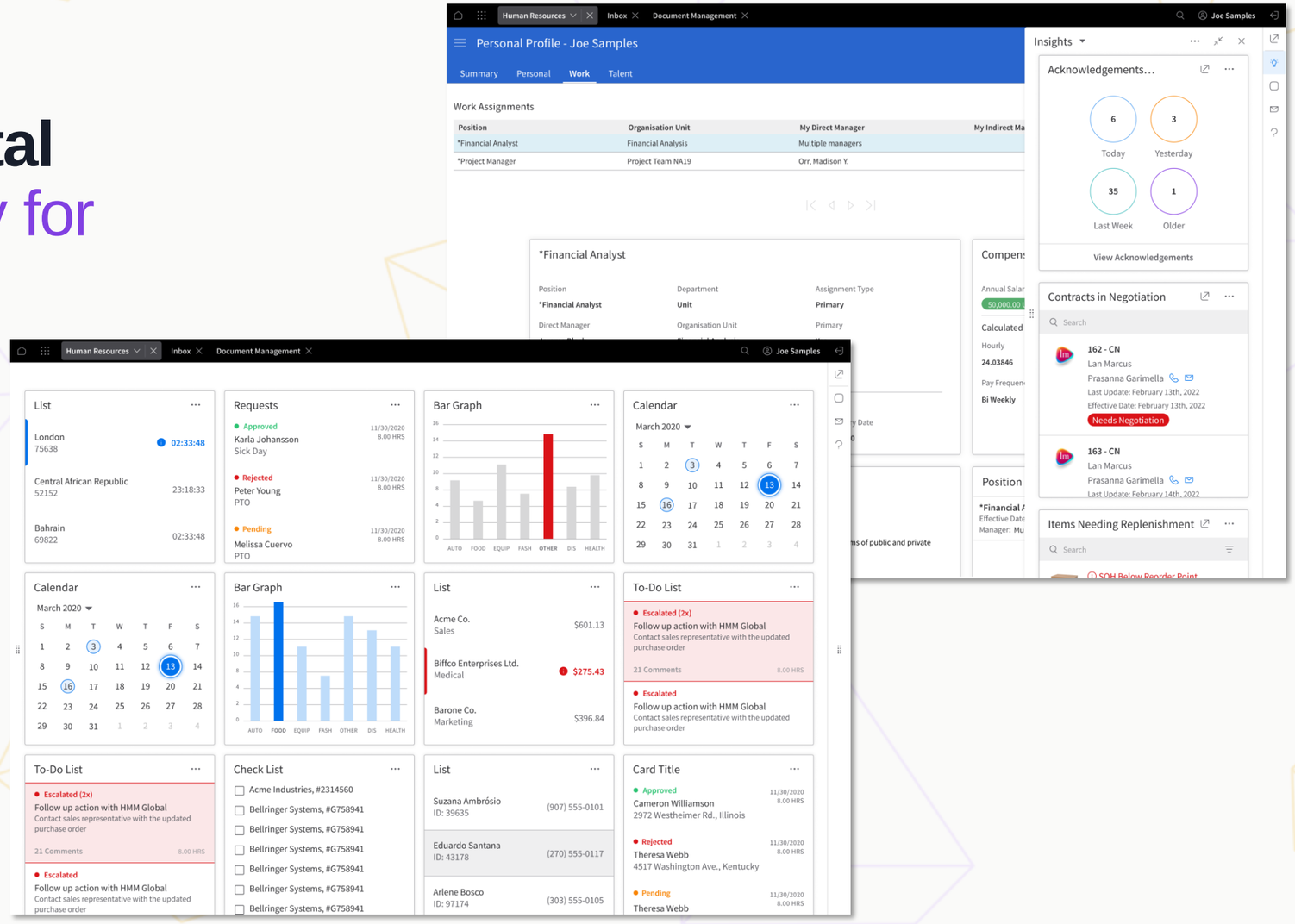
Users can navigate, multitask, and complete their work more easily using OS Portal

Configurable Workspaces

Users can leverage robust Workspaces configurability options, so they have the ideal place to start and end their day in their Infor CloudSuite

Expanded contextual capabilities

Users can take advantage of expanded contextual capabilities so widgets and Workspaces feel dynamic and specific to them



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TECHSTACK-18347

Mobility

UX

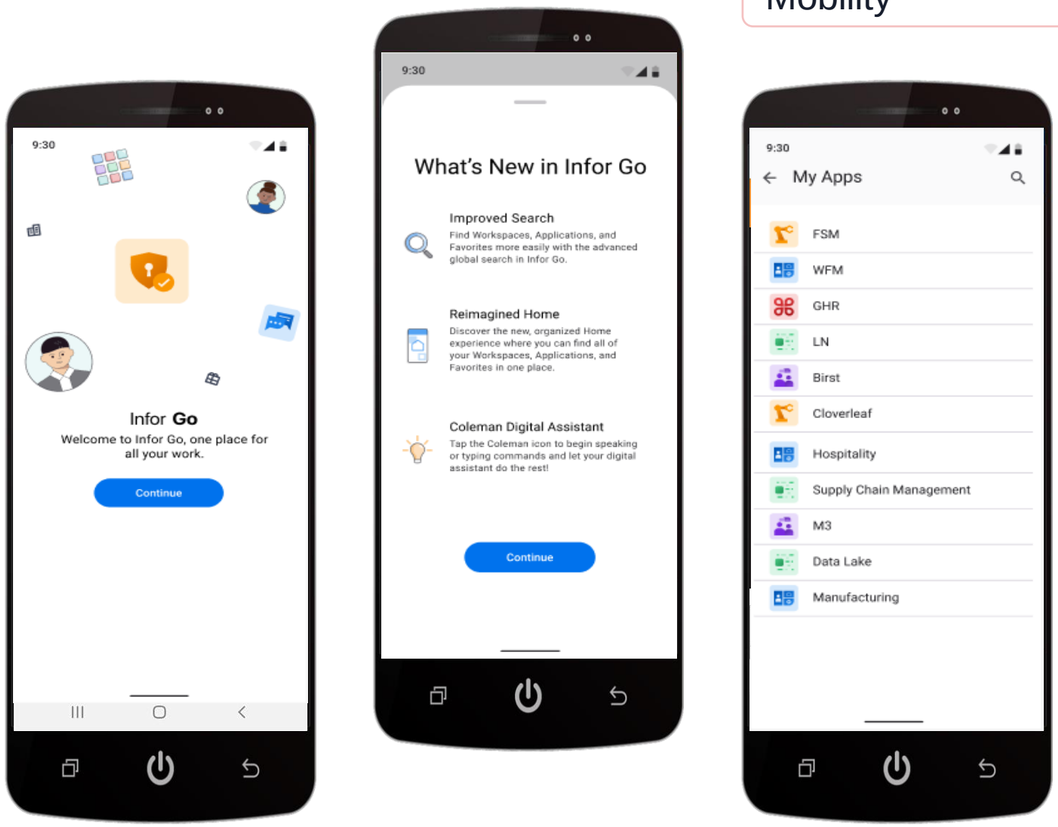
Infor Go Redesign

Description

Infor Go design has been updated with a refreshed UI

Benefit/Value-to-Customer

Provides a better and more personalized mobile experience



Deployment Type
AWS

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TECHSTACK-18001

Mobility

UX

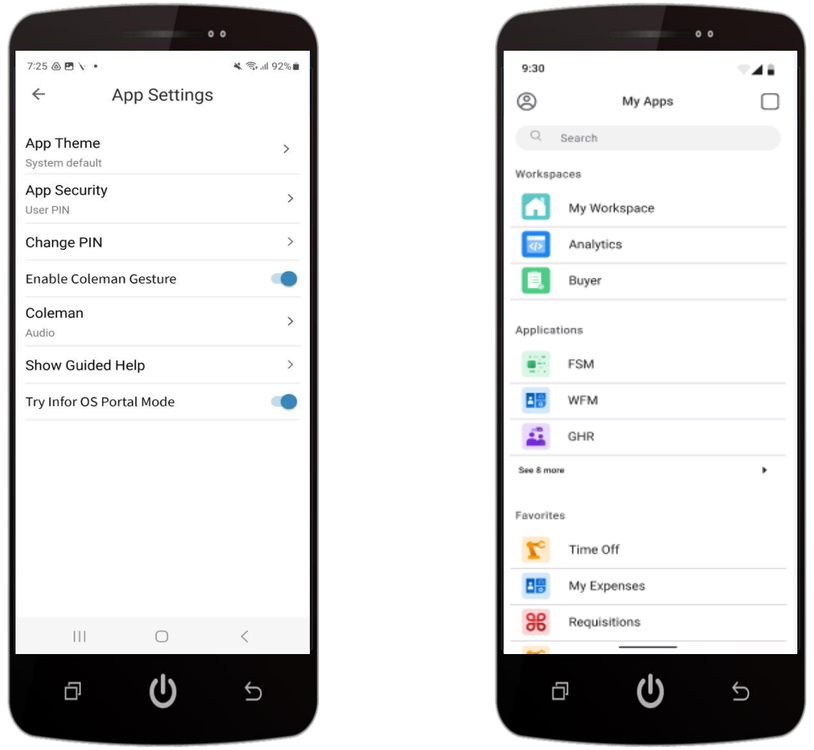
Infor Go now supports OS Portal Trial Mode

Description

Customers testing the new OS Portal on the desktop can also test the related Infor Go experience.

Benefit/Value-to-Customer

Allows customers to try the new mobile that corresponds to our new desktop experience prior to completing their migration.



Deployment Type
AWS

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TECHSTACK-18348

Mobility

UX

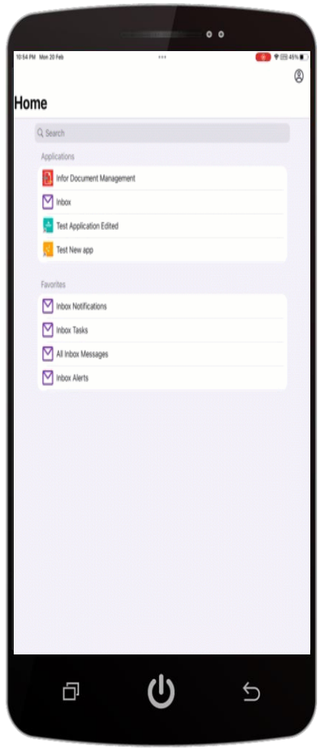
Infor Go now supports IDM as a native application

Description

Now customers can access and manage documents natively within Infor Go rather than via the standalone Infor IDM native mobile app.

Benefit/Value-to-Customer

Provides a better mobile experience and consolidates two mobile apps into one.



Deployment Type
AWS

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IDM-10073

Document Management

UX

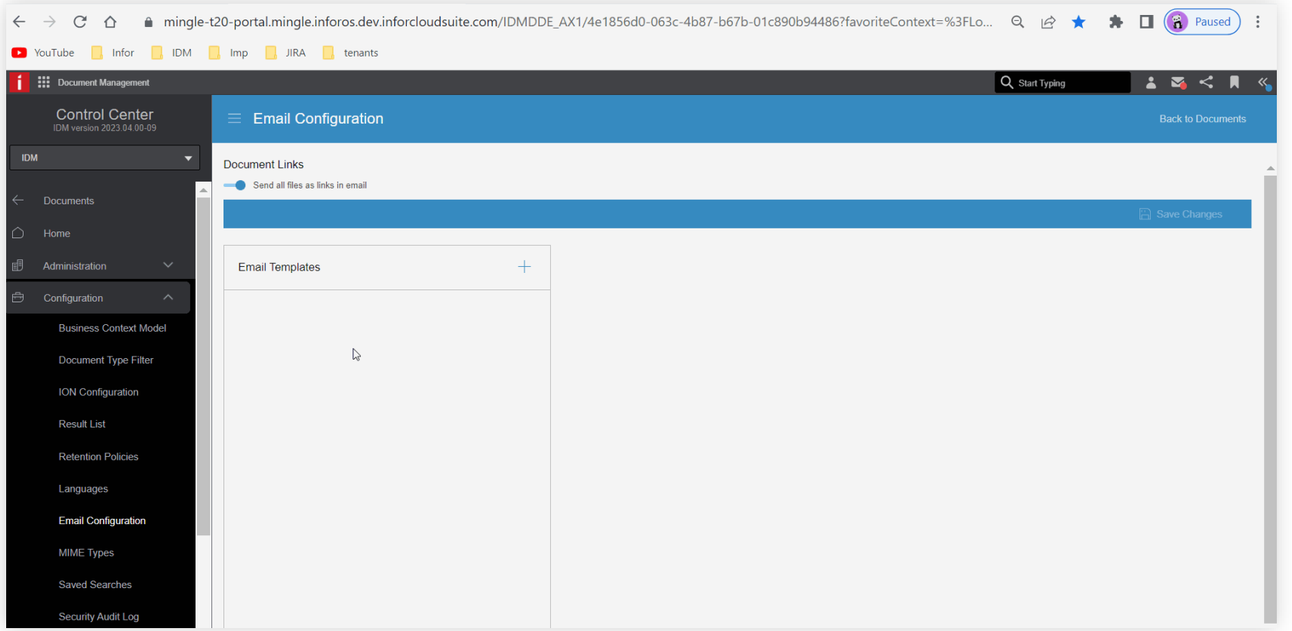
Ability to Send All Files as Link in Emails

Description

IDM has been enhanced with the capability to send all files as links in emails rather than an email attachment.

Benefit/Value-to-Customer

Provides an additional level of document security because the email recipient accesses the document within IDM rather than opening an attachment.



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Coleman Digital Assistant | DA

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TECHSTACK-182

Coleman DA

Digital Assistant

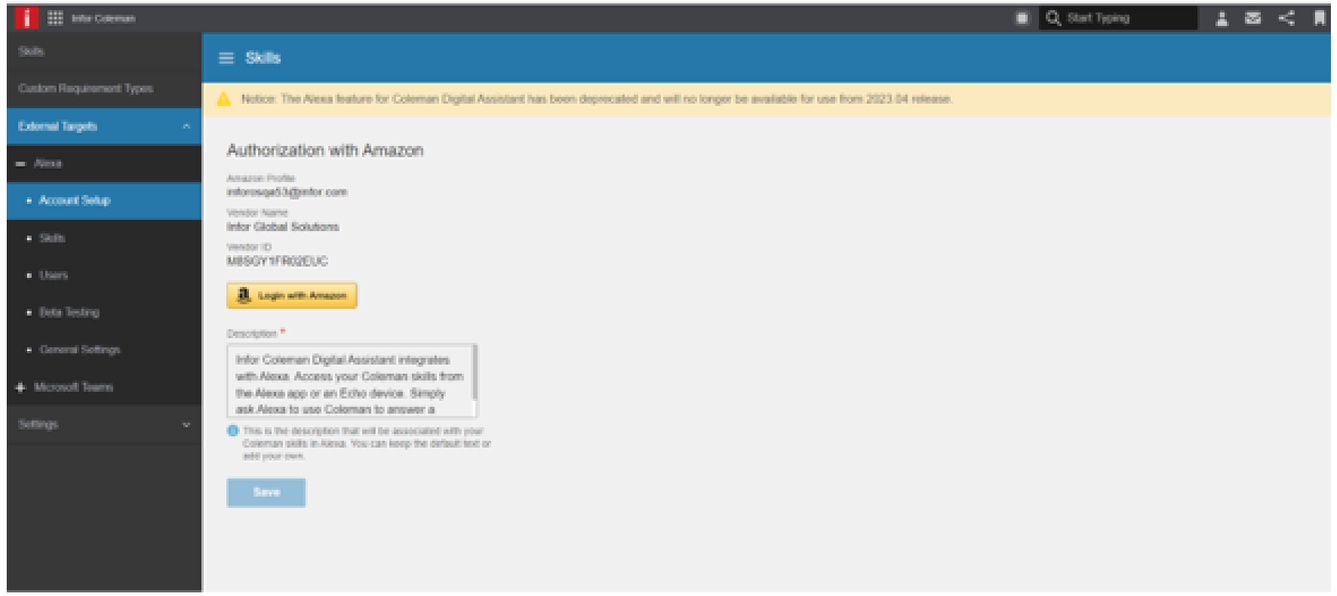
Alexa Integration Deprecation

Description

Coleman Digital Assistant (DA) is suspending the support for Alexa devices. The reason is retirement of Alexa for Business (A4B) service by AWS. Coleman DA is directly dependent on A4B and hence will be unable to support Alexa devices.

Benefit/Value-to-Customer

Coleman DA Alexa Skills won’t be accessible anymore through their Alexa account. Consequently, customer won't be able to invoke the Coleman DA Skills through Alexa device. The Alexa integration pages in Coleman DA skill builder Application will no longer be available



Deployment Type
AWS

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TECHSTACK-18247

Coleman DA

Digital Assistant

Coleman DA in Portal v2

Description

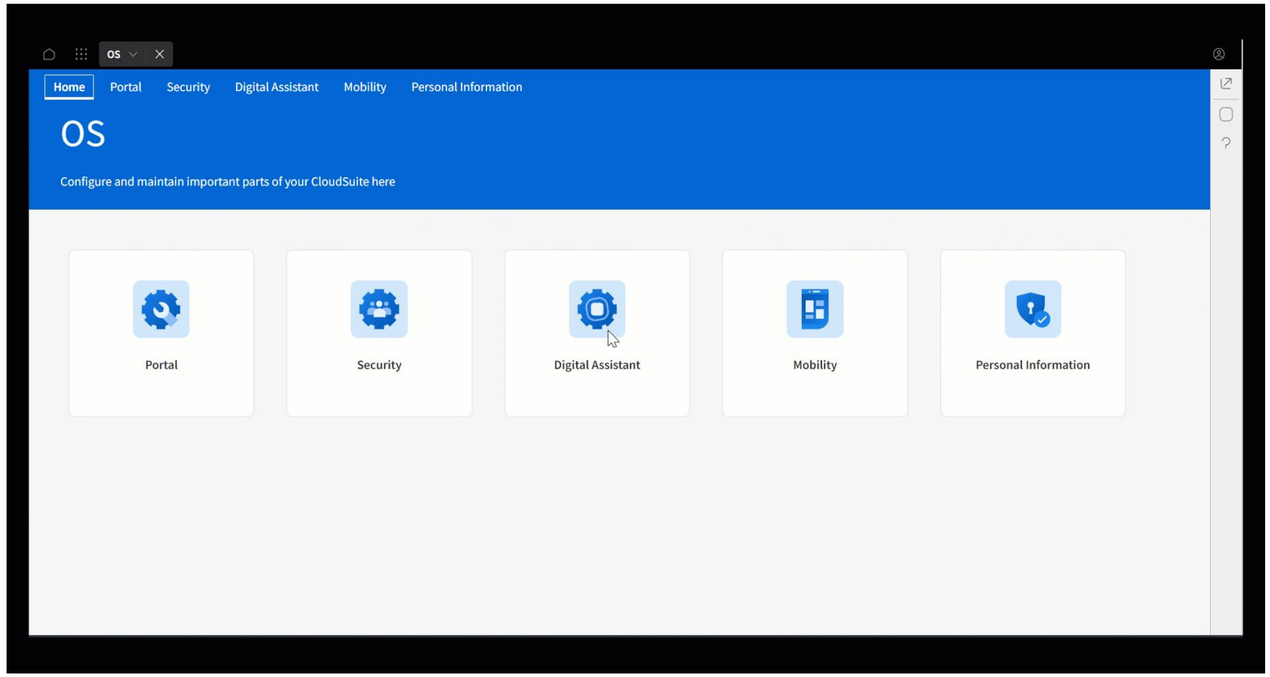
Coleman Digital Assist user interfaced (UI) has been uplifted in Portal V2 to follow the latest standards. Colors, icons and components has been re-freshened among the changes. In portal V2 user would also able to see the count of selected skills. Coleman Digital Assistant chat window is now part of the context panel place on the right side of the portal frame.

Benefit/Value-to-Customer

- New look and feel of the application unified with other applications
- Additional UX functionalities as count of selected skills
- Single place to access the Coleman, widgets, context apps

Use Case

Login into Portal V2 click on the Coleman icon on the context panel to access the Coleman DA chatbox.



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AWS

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Intelligent Open Network | ION

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ION-7953

Connectors

ION

Purging of Handled confirm BODs

Description

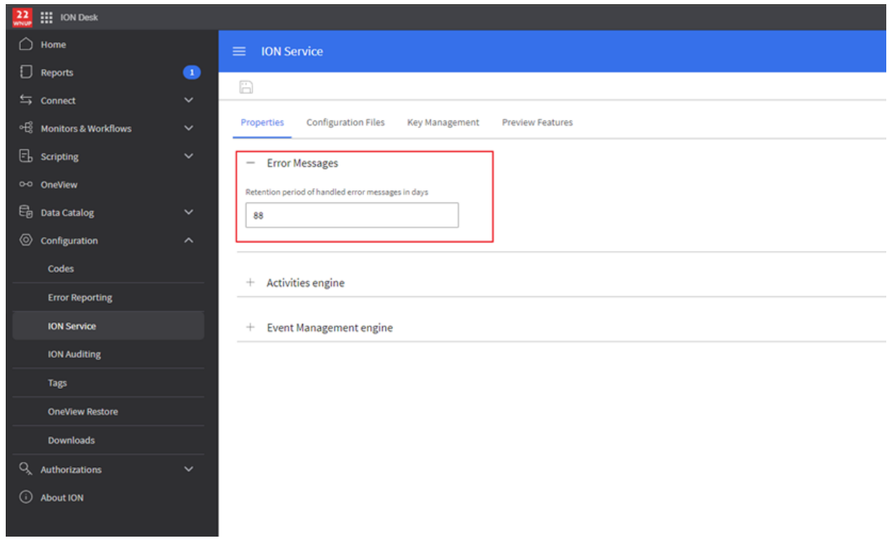
Automatic purging of handled Confirm BODs has been added.

Benefit/Value-to-Customer

- Confirm BOD tables can contain a large number of records, which affects the size of the database and can affect performance.
- Handled Confirm BODs can be retain maximum of 360 days in Production tenants and 180 days in non-production tenants.

Use Case

On the ION Configuration/ION Serice page, a new property has been added to set the retention period for handled error BODs.



Deployment Type
AWS

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DF-518

Data Lake

ION

Removal of Data Lake pages

Description

As communicated earlier, the Data Lake pages are removed from ION Desk

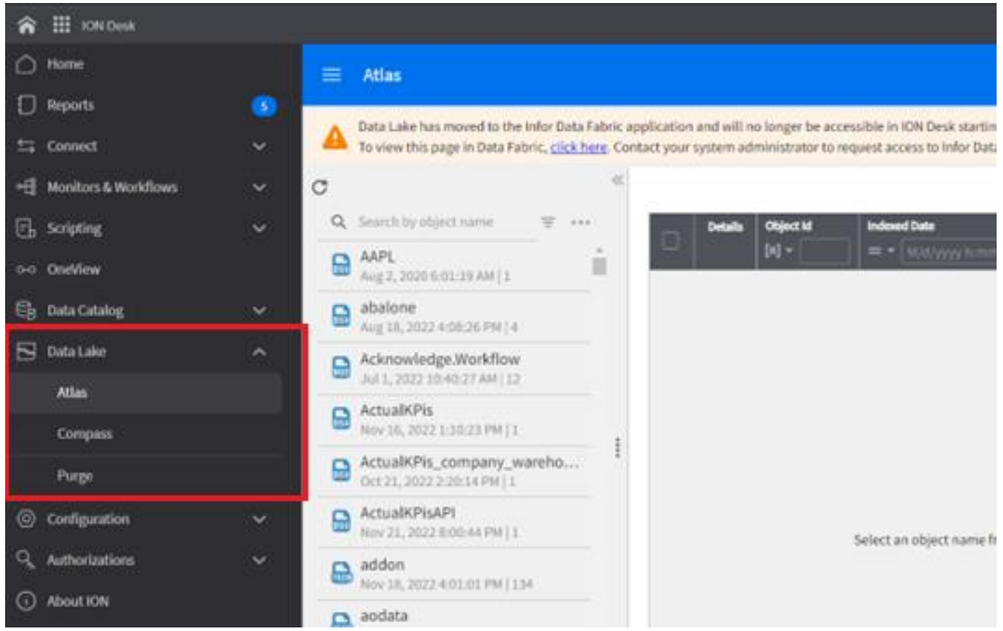
Benefit/Value-to-Customer

- The latest Data Lake pages are available through the Data Fabric application

- The Data Lake pages in ION were not updated or extended lately; Data Fabric has the up-to-date pages with new features

Use Case

Any use of Data Lake, such as viewing the contents (Atlas), querying (Compass) or purging



Deployment Type
AWS

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ION-8158

OneView

ION

Resubmit no route messages

Description

New functionality of resubmitting no route messages from OneView is introduced.

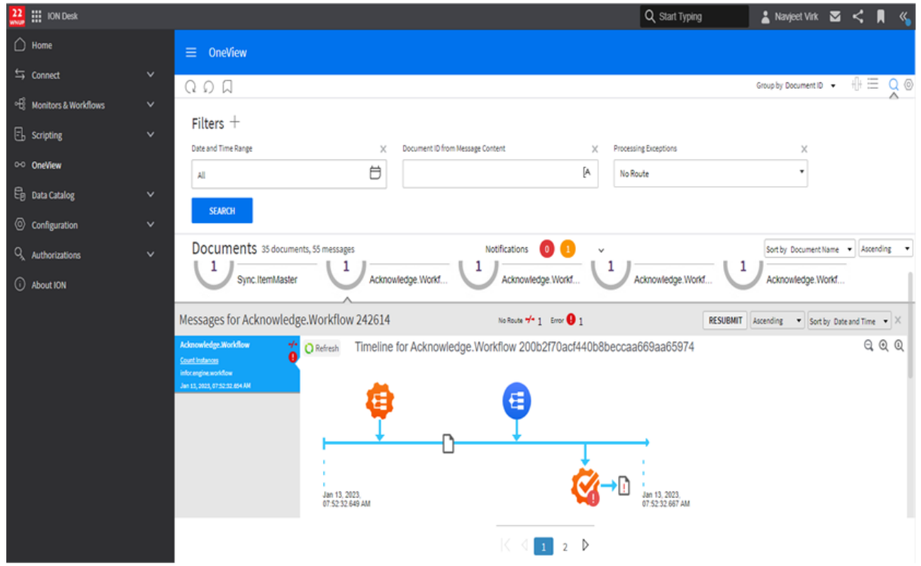
Benefit/Value-to-Customer

- User can resubmit no route messages from OneView only instead of going to Active Connection Point screen in Connect.

Use Case

User can search no route messages using filter in OneView.

User can then either resubmit a single message or can resubmit bulk messages.



Deployment Type
AWS

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ION-8176

Scripting

ION

Python version upgrade

Description

Python version 3.9 is now used for new scripts and new versions of existing scripts, instead of version 3.7

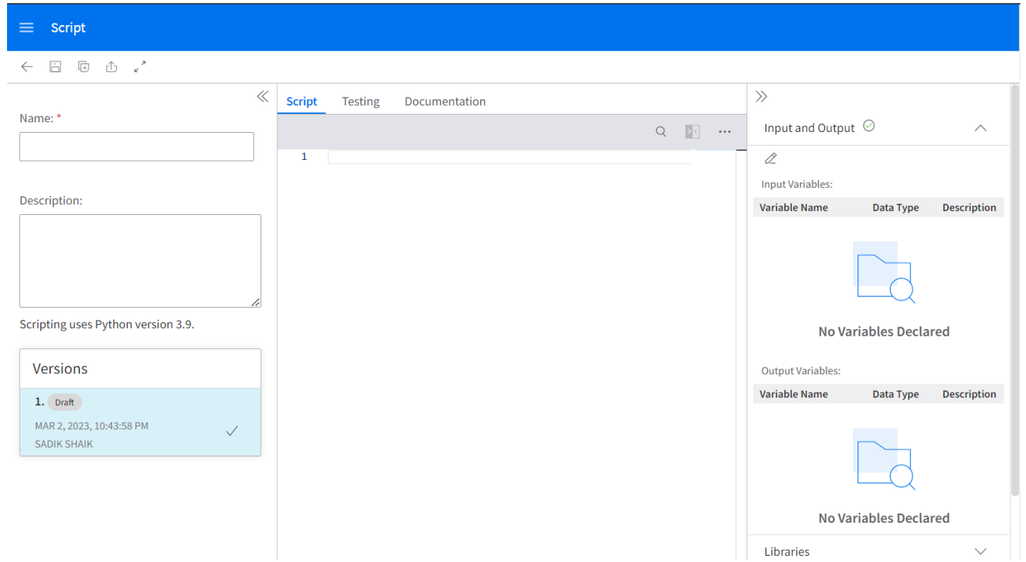
Benefit/Value-to-Customer

- Functionality from this new Python version can now be used in scripts and libraries

- Existing approved script versions will continue to execute on Python 3.7 without changes

Use Case

Using scripts in a data flow or through the API



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AWS

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API Gateway

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SCRMIONAPI-7305

Available APIs

API Gateway

WebSocket protocol support

Description

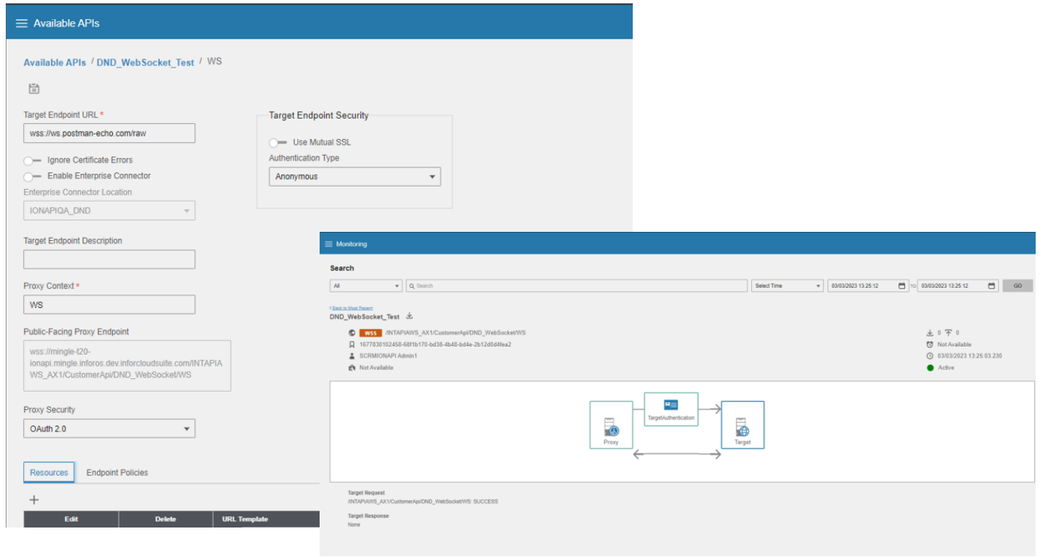
WebSocket protocol API support in API Gateway for Infor and non-Infor applications

Benefit/Value-to-Customer

- Open a two-way interactive communication channel
- Real-time event streaming data publishing.
- Time-out ideal connections.

Use Case

WebSocket protocol communication



Deployment Type

AWS

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Data Fabric

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DF-25

Metagraph

Data Fabric

Archive Indicator for Metagraphs

Description

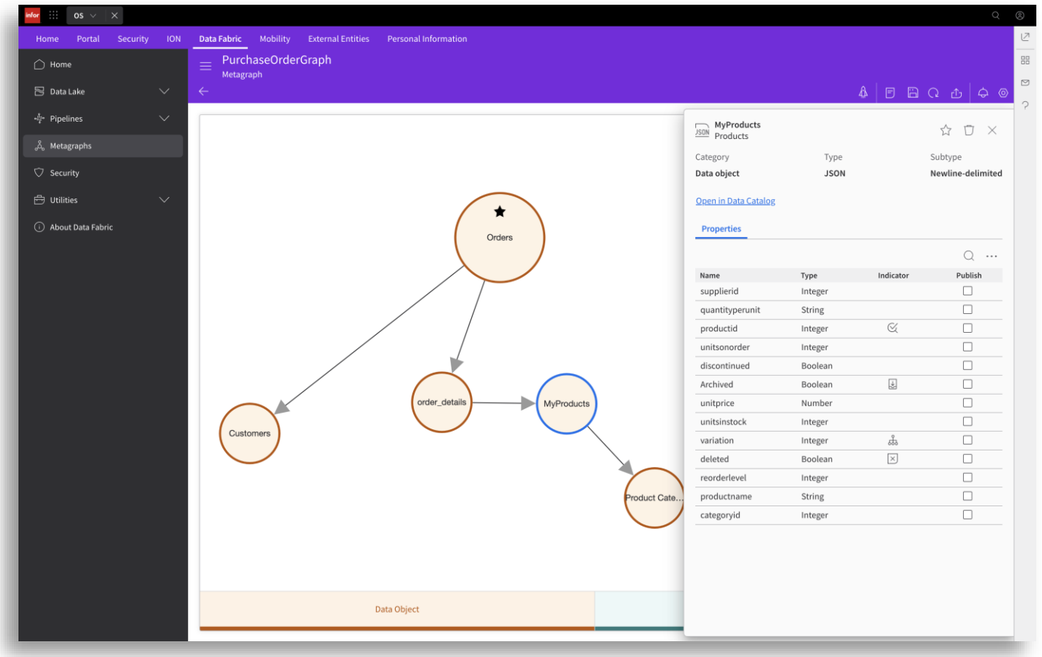
Metagraphs now list archive indicator icons for select properties that are defined by applications that support archiving data.

Benefit & Value

- Data users are able to identify a comprehensive set of metadata indicators related to their selected data objects
- When publishing from a Metagraph, users are able to better understand the context of their data results

Use Case

Users selecting data objects added to a metagraph will see an archive indicator present for application datasets where archiving is supported.



Deployment Type

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DF-44

Data Fabric

Data Fabric

Application Security

Description

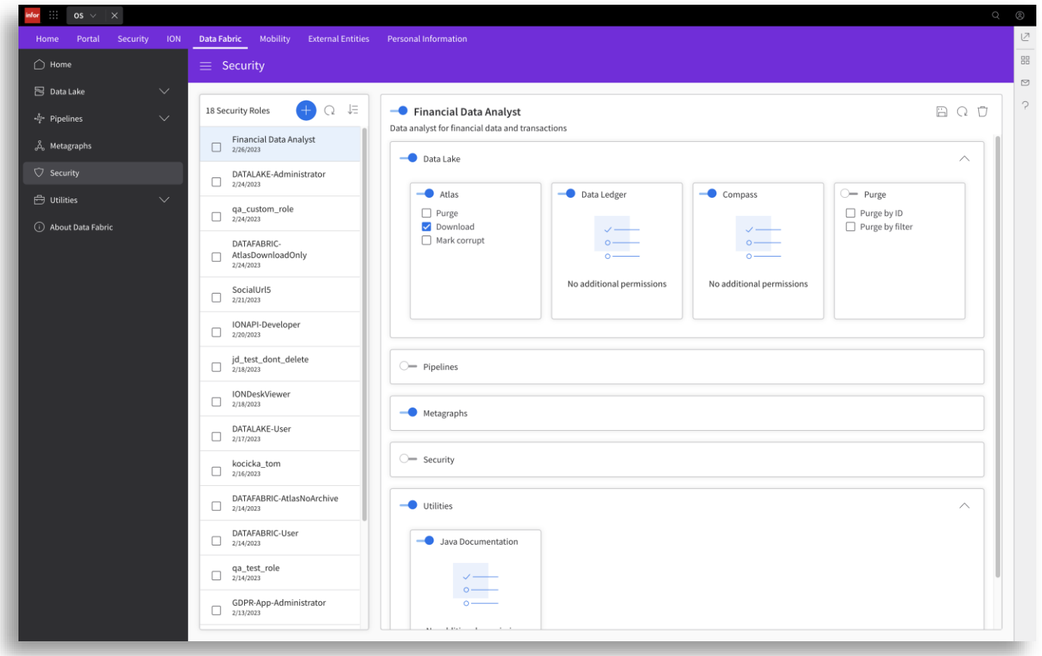
Data Fabric now provides access controls to associate IFS Security Roles with functional access and action patterns as a means of segregating functional duties.

Benefit & Value

- Data Fabric administrators can create and customize IFS Security Roles and define specific entitlements to various navigable areas of Data Fabric and its services
- Surface area risks to data management can be mitigated by providing access to only the features a user needs to satisfy their needs

Use Case

Administrators can select an IFS Security Role and configure what features users entitled with the role are able to access and what actions therein they can trigger.



Deployment Type

Infor AWS Cloud

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DF-

Ingestion & Pipelines

Data Fabric

Streaming Ingestion API

Description

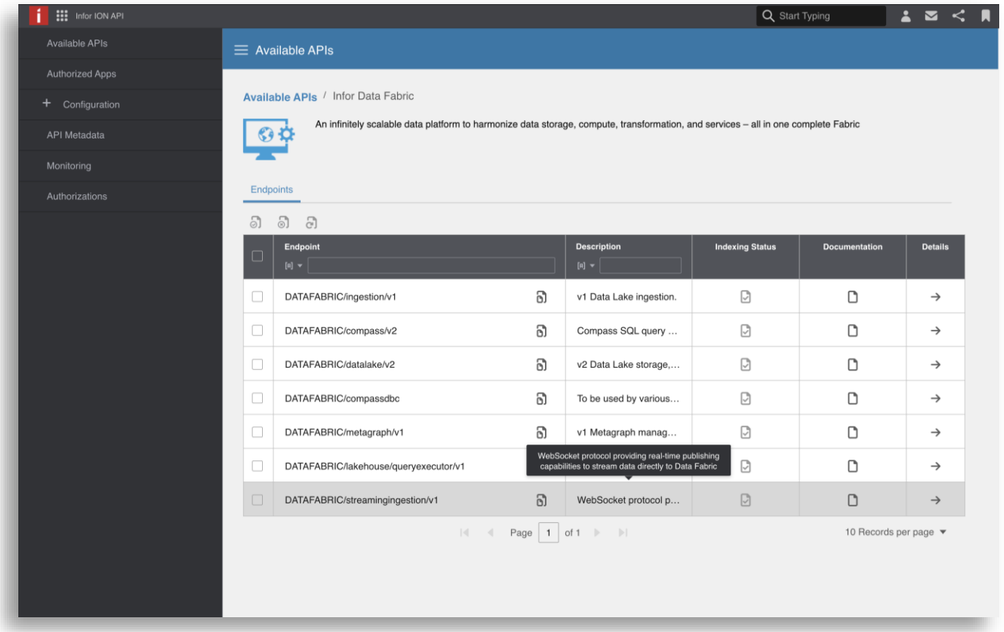
Streaming ingestion APIs are now available for applications and data clients to stream data into Data Fabric for use with Stream Pipelines and Data Lake.

Benefit & Value

- Clients can stream transactional events in real-time to Data Fabric
- Applications and engineers can embed streaming support within their applications
- Streaming ingestion can be utilized by on-premises and external applications

Use Case

Application developers can extend their app capabilities by connecting to the Infor OS API Gateway and embedding web socket connectivity to stream to Data Fabric.



Deployment Type

Infor AWS Cloud

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DF-408

Ingestion & Pipelines

Data Fabric

Stream Pipelines Generally Available

Description

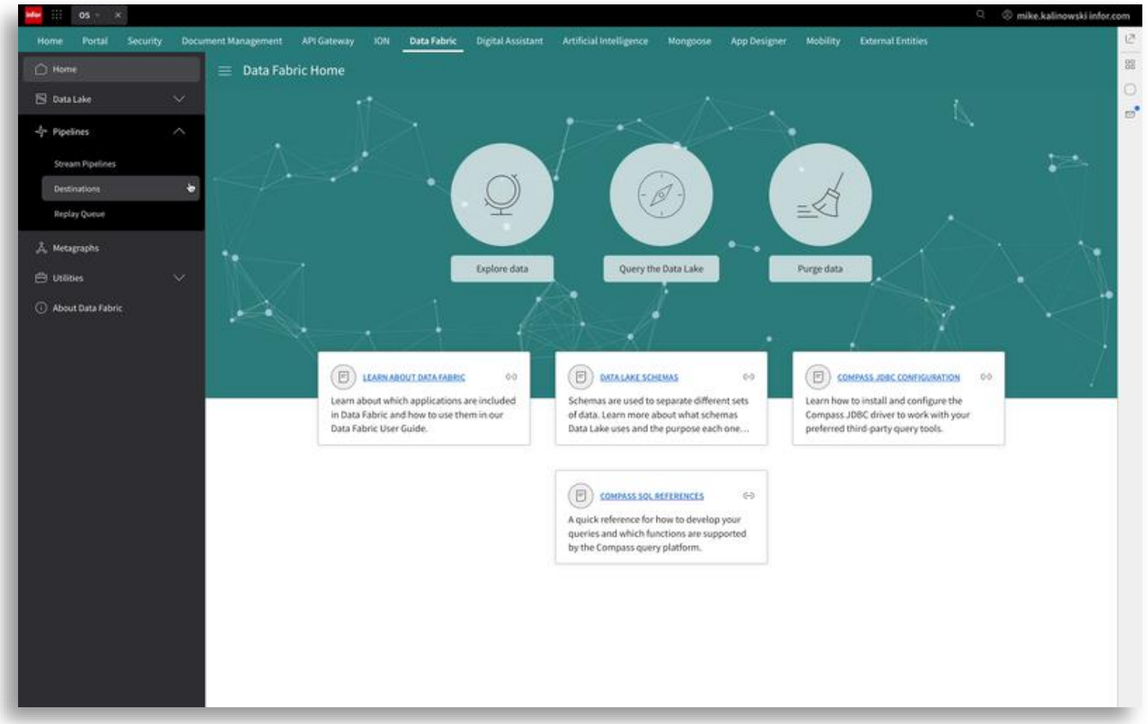
Stream Pipelines becomes Generally Available and provides enterprises with real-time data modeling and delivery pipeline capabilities with cloud-based data platforms.

Benefit & Value

- Real-time data platform for operational delivery
- Initial data loads from Data Lake
- Pipeline activity overview pages to monitor and track activity
- Replay queue to stage and resolve issues

Use Case

Data administrators can create, model, and activate stream pipelines to push data in real-time and from the Data Lake to a target system.



Deployment Type
Infor AWS Cloud

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Screenshots & Animations

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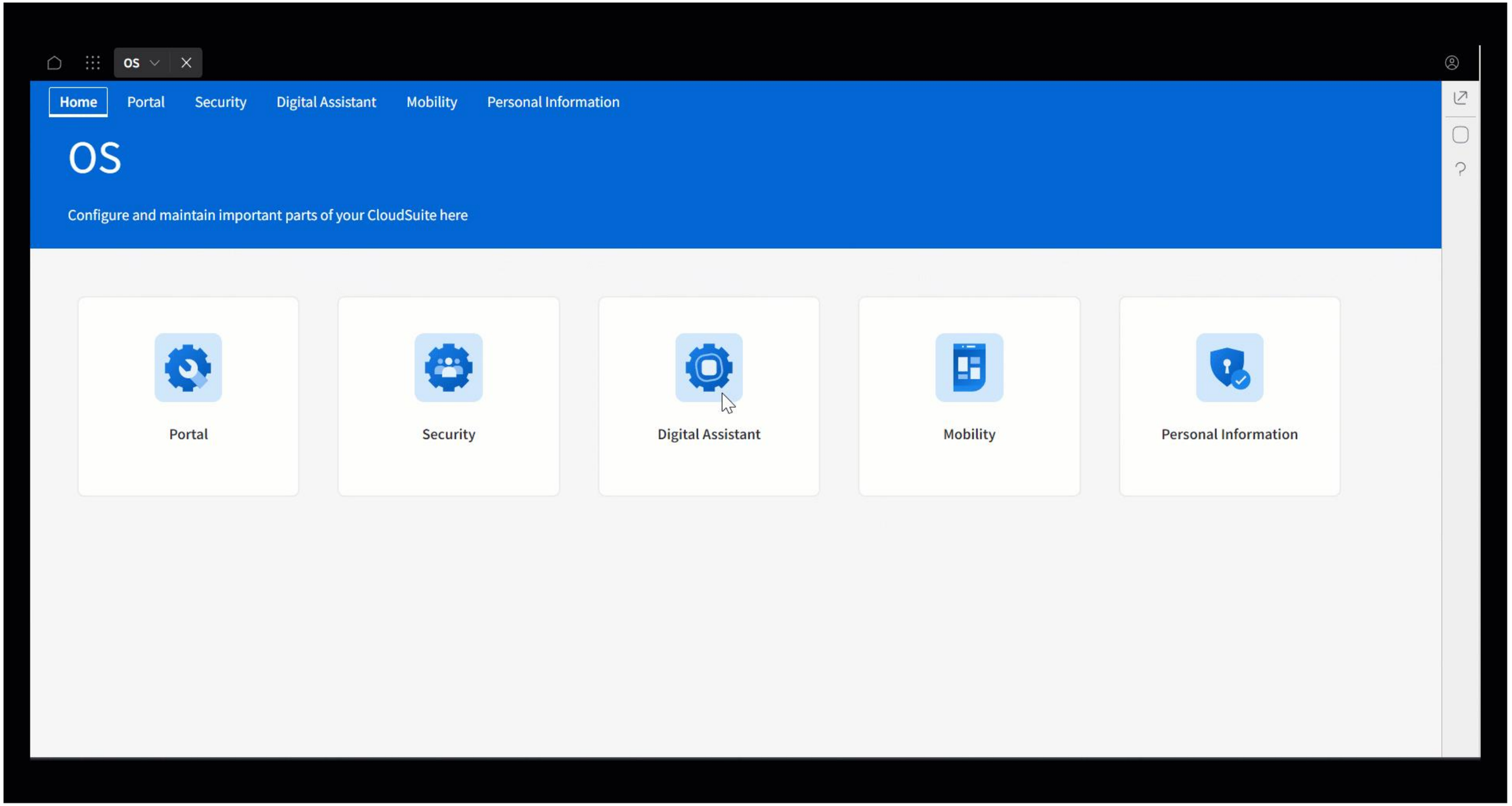
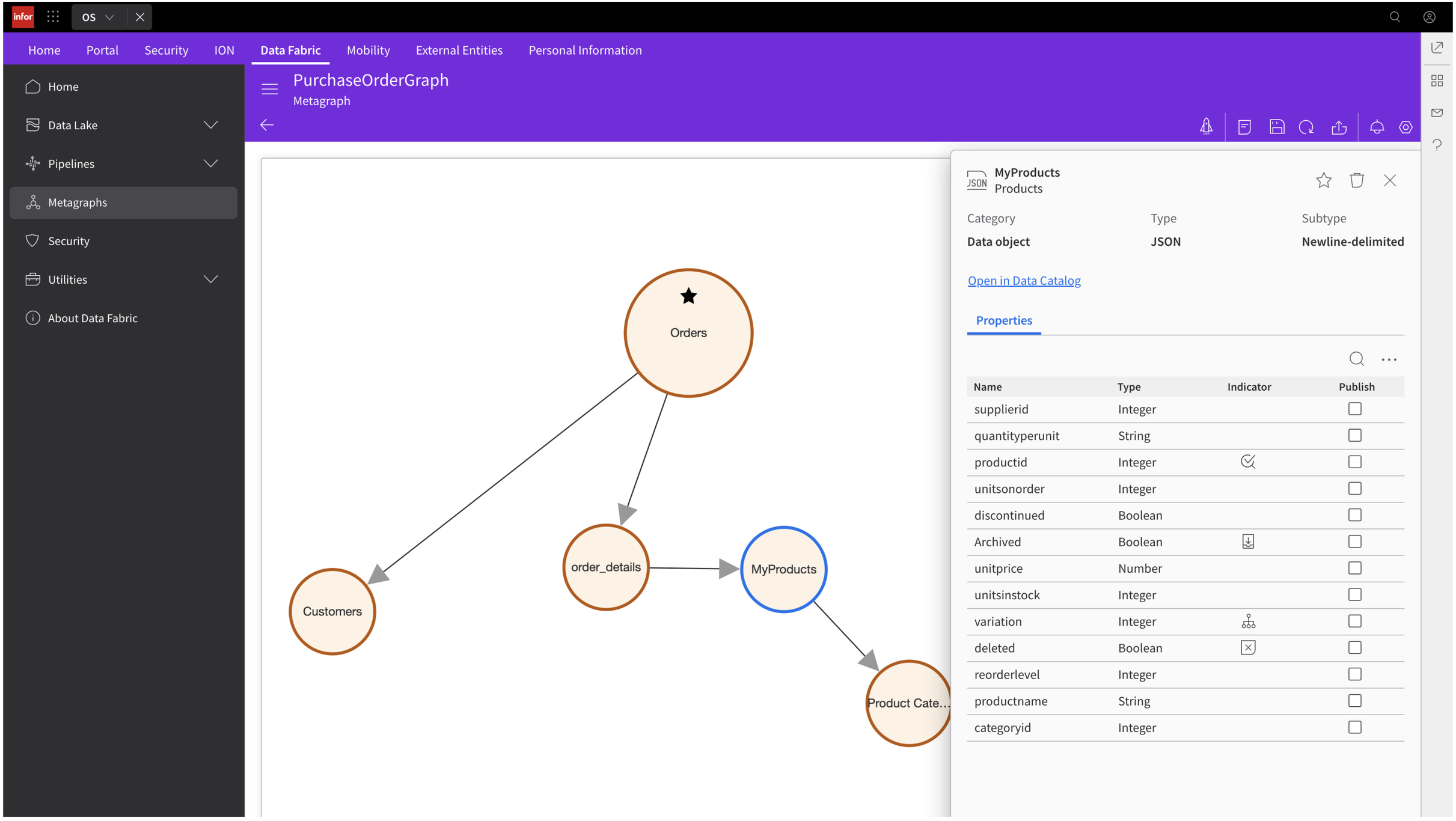

OS
Home
Portal
Security
Digital Assistant
Mobility
Personal Information
OS
Configure and maintain important parts of your CloudSuite here
Portal
Security
Digital Assistant
Mobility
Personal Information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External Entities
Personal Information
Home
Data Lake
Pipelines
Metagraphs
Security
Utilities
About Data Fabric
PurchaseOrderGraph
Metagraph
Orders
Customers
order_details
MyProducts
Product Cate...
MyProducts
Products
Category
Data object
Type
JSON
Subtype
Newline-delimited
Open in Data Catalog
Properties
Name
Type
Indicator
Publish
supplierid Integer
quantityperunit String
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discontinued Boolean
Archived Boolean
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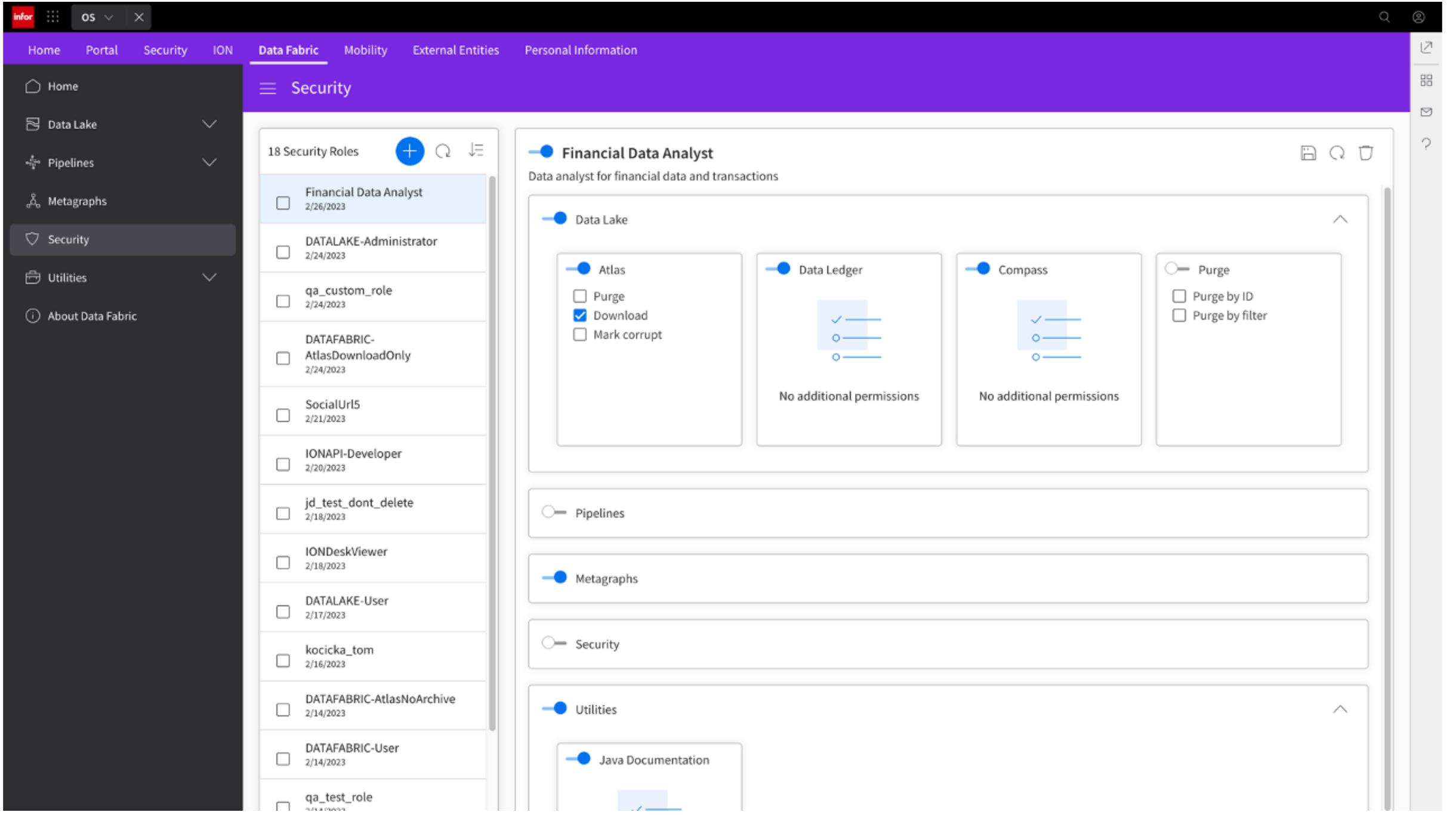
variation Integer
deleted Boolean
reorderlevel Integer
productname String
categoryid Integer


OS
Home
Portal
Security
ION
Data Fabric
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External Entities
Personal Information
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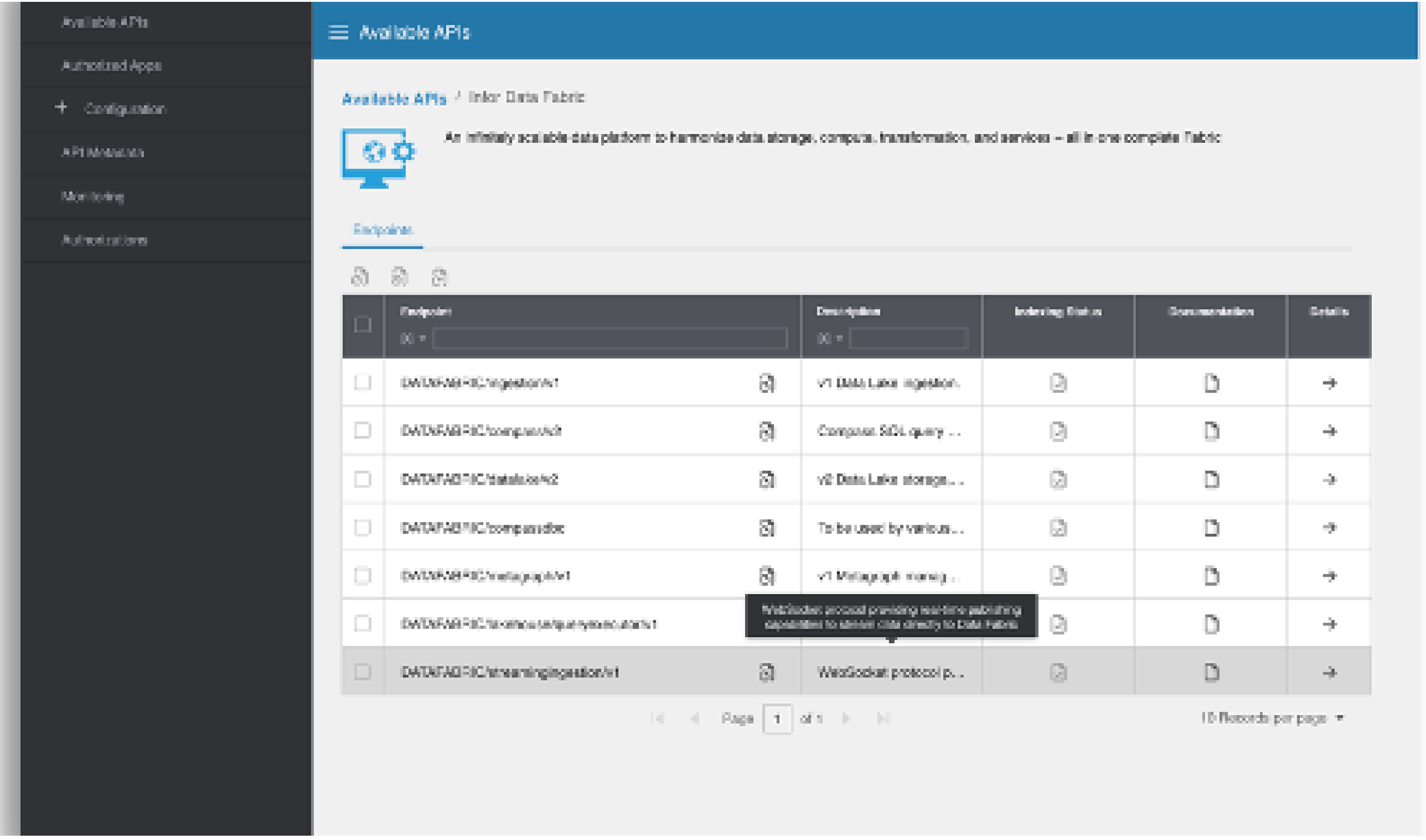
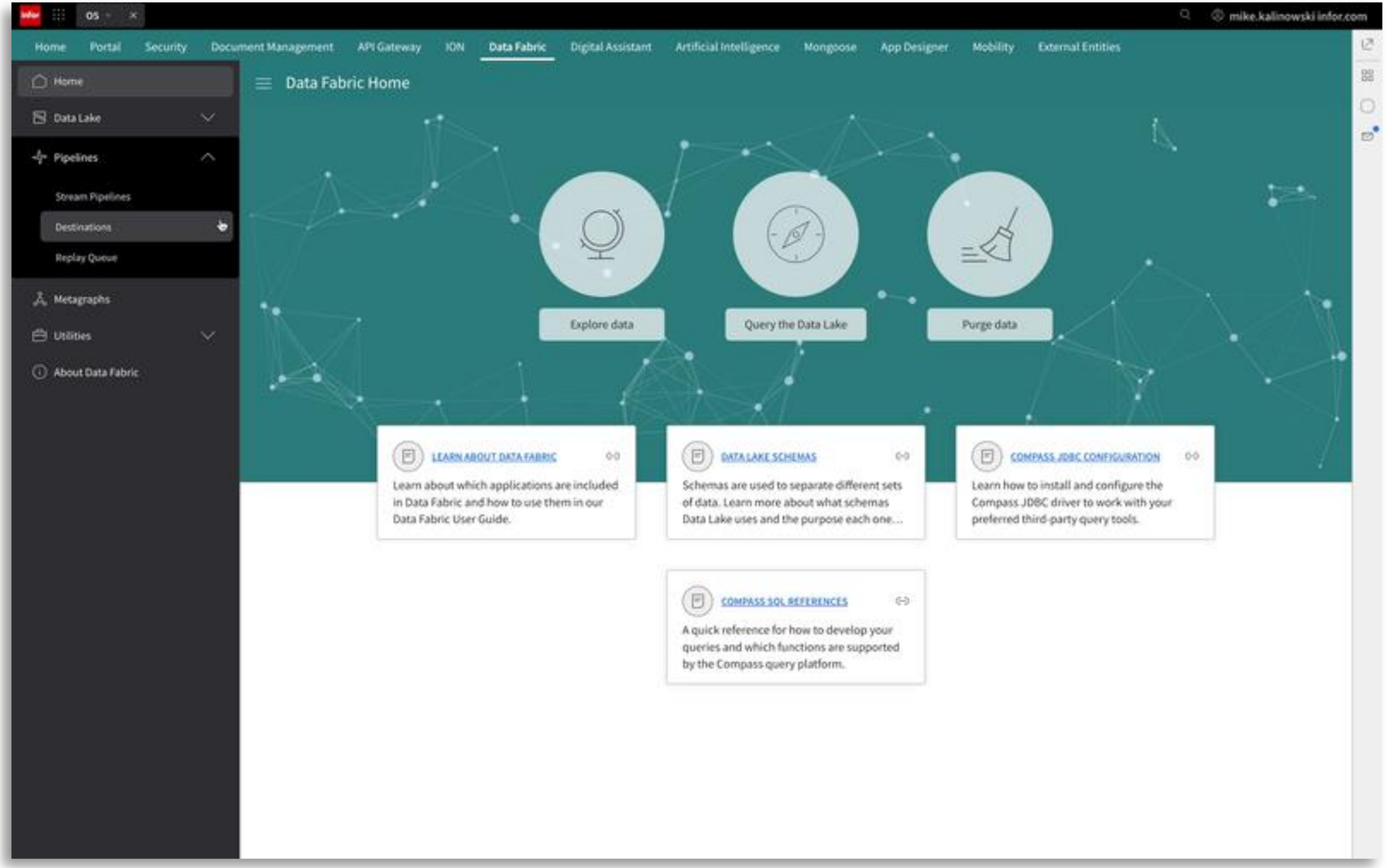
Data Lake
Pipelines
Metagraphs
Security
Utilities
About Data Fabric
Security
18 Security Roles
Financial Data Analyst
2/26/2023
DATALAKE-Administrator
2/24/2023
qa_custom_role
2/24/2023
DATAFABRIC-AtlasDownloadOnly
2/24/2023
SocialUrl5
2/21/2023
IONAPI-Developer
2/20/2023
jd_test_dont_delete
2/18/2023
IONDeskViewer
2/18/2023
DATALAKE-User
2/17/2023
kocicka_tom
2/16/2023
DATAFABRIC-AtlasNoArchive
2/14/2023
DATAFABRIC-User
2/14/2023
qa_test_role
Financial Data Analyst
Data analyst for financial data and transactions
Data Lake
Atlas
Purge
Download
Mark corrupt
Data Ledger
No additional permissions
Compass
No additional permissions
Purge
Purge by ID
Purge by filter
Pipelines
Metagraphs
Security
Utilities
Java Documentation


Available APIs
Automated Apps
Configurator
API Analytics
Monitoring
Authorizations
Available APIs
Available APIs / Inter Data Fabric
An infinitely scalable data platform to harmonize data storage, compute, transformation, and services – all in one complete fabric
Endpoints
Endpoint
Description
Indexing Status
Documentation
Details
DATAFABRIC/ingestion/v1
v1 Data Lake ingestion...
DATAFABRIC/compute/v1
Compute SQL query ...
DATAFABRIC/datalake/v2
v2 Data Lake storage...
DATAFABRIC/compassdoc
To be used by various...
DATAFABRIC/metapath/v1
v1 Metapath manag...
DATAFABRIC/streamingingestion/v1
WebSocket protocol p...
WebSocket protocol providing real-time publishing capabilities to stream data directly to Data Fabric
Page 1 of 1
10 Records per page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Stream Pipelines
Destinations
Replay Queue
Metagraphs
Utilities
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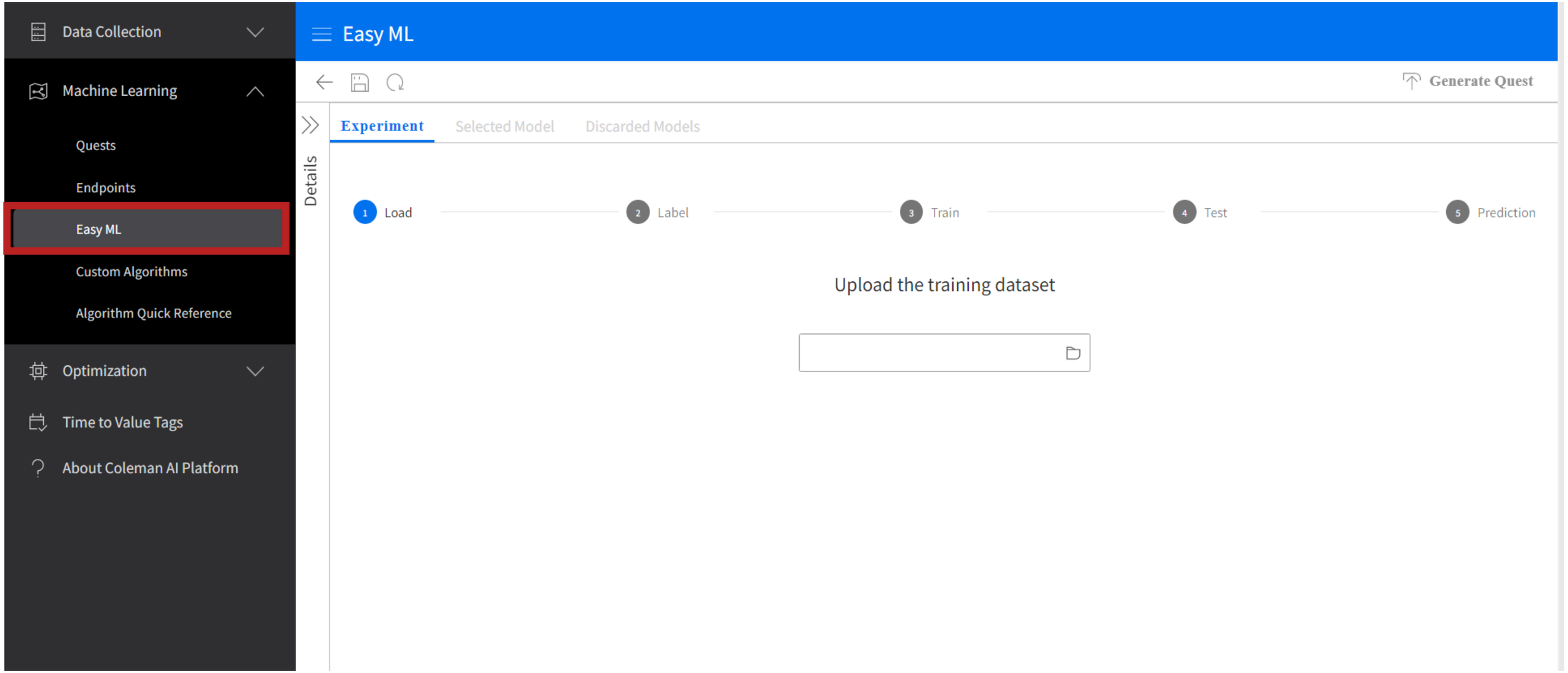
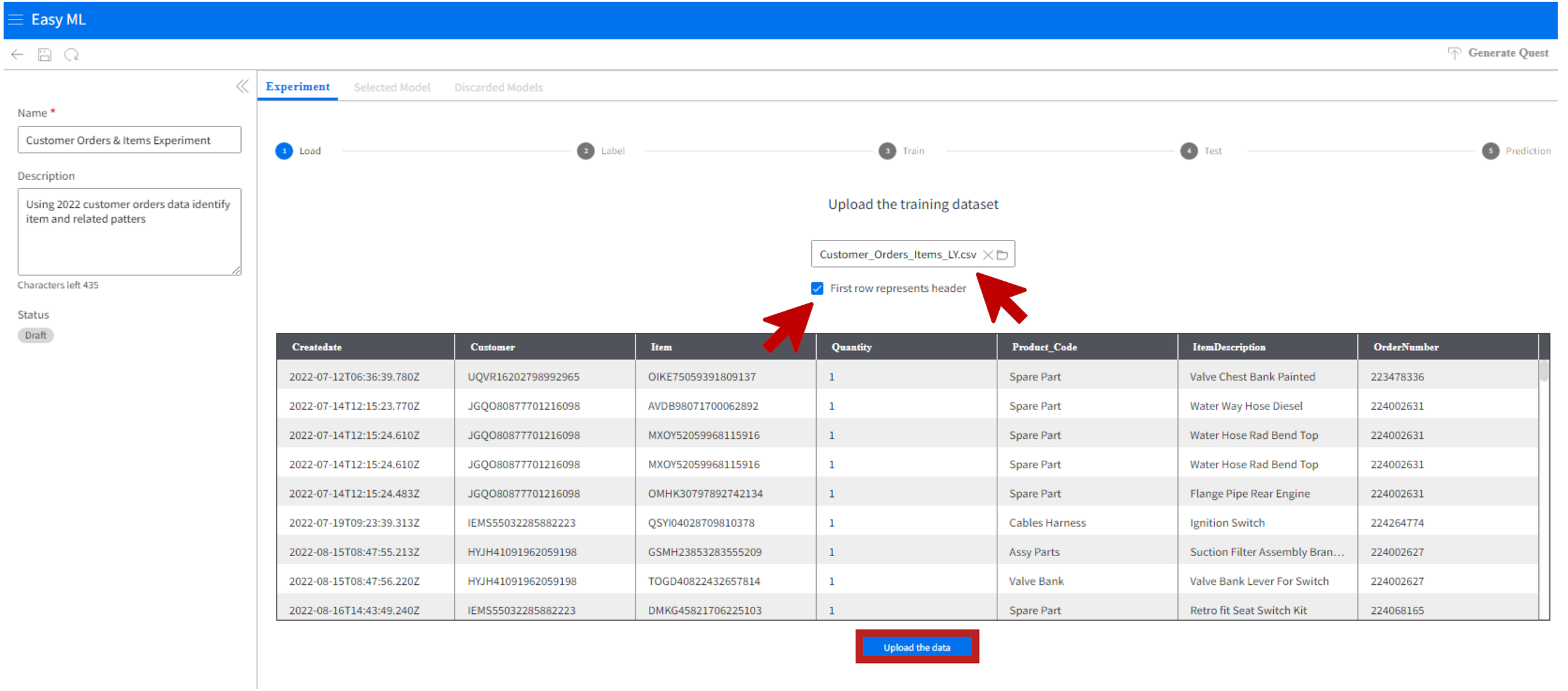
Data Fabric Home
Explore data
Query the Data Lake
Purge data
LEARN ABOUT DATA FABRIC
Learn about which applications are included in Data Fabric and how to use them in our Data Fabric User Guide.
DATA LAKE SCHEMAS
Schemas are used to separate different sets of data. Learn more about what schemas Data Lake uses and the purpose each one...
COMPASS JDBC CONFIGURATION
Learn how to install and configure the Compass JDBC driver to work with your preferred third-party query tools.
COMPASS SQL REFERENCES
A quick reference for how to develop your queries and which functions are supported by the Compass query platform.

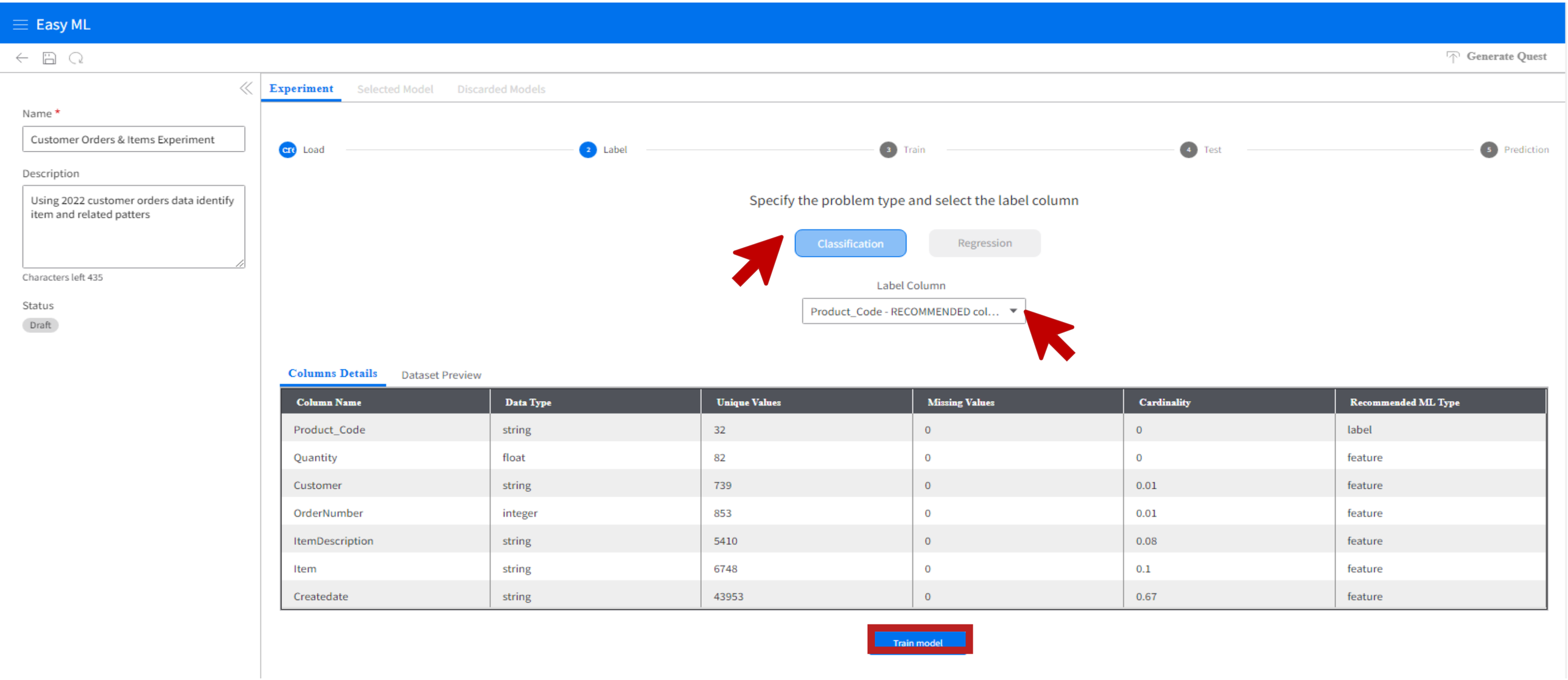
Artificial Intelligence Platform: 2023.04 Easy ML Functionality



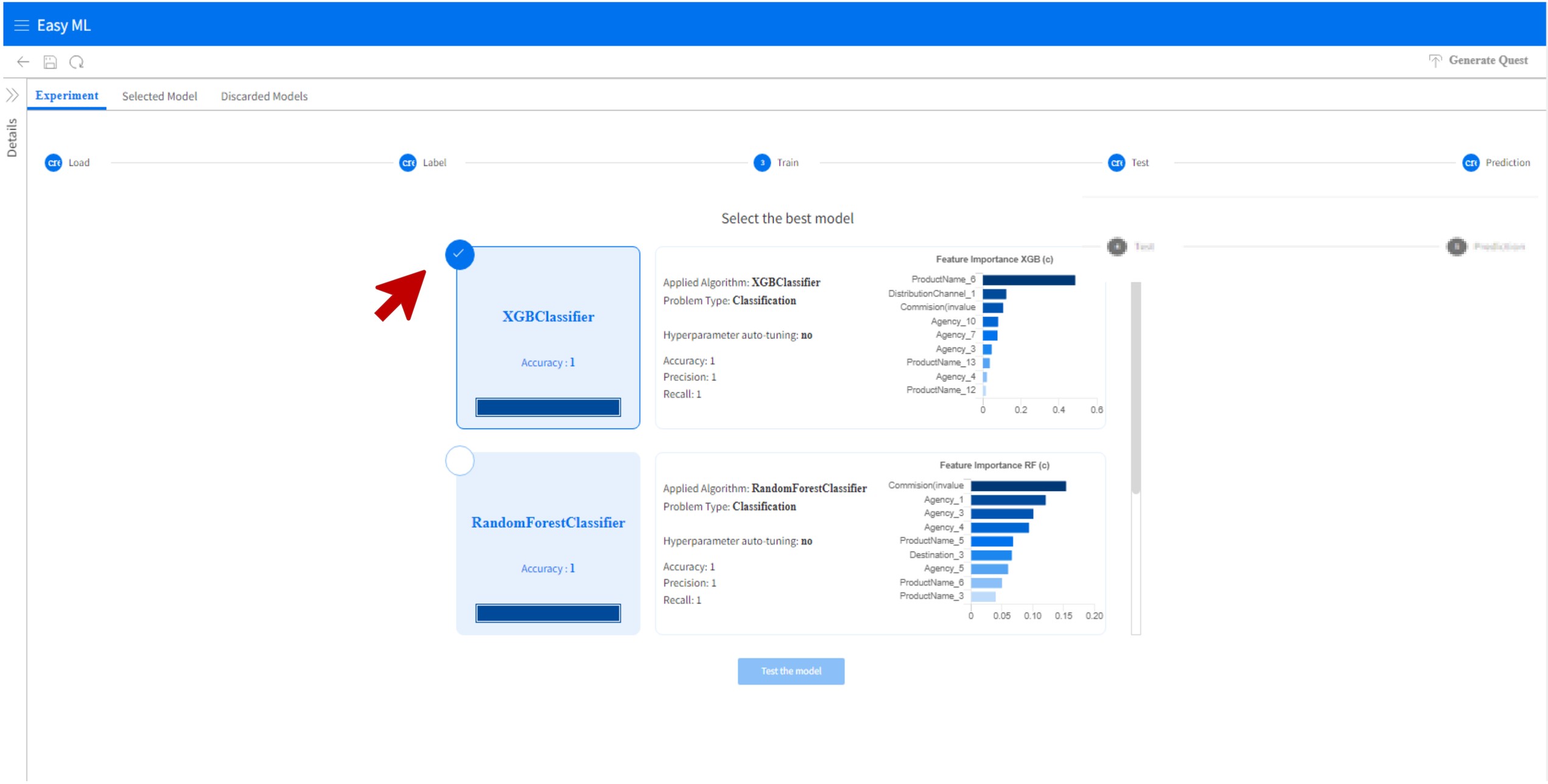
Artificial Intelligence Platform: 2023.04 Easy ML Functionality



Createdate	Customer	Item	Quantity	Product_Code	ItemDescription	OrderNumber
2022-07-12T06:36:39.780Z	UQVR16202798992965	OIKE75059391809137	1	Spare Part	Valve Chest Bank Painted	223478336
2022-07-14T12:15:23.770Z	JGQO80877701216098	AVDB98071700062892	1	Spare Part	Water Way Hose Diesel	224002631
2022-07-14T12:15:24.610Z	JGQO80877701216098	MXOY52059968115916	1	Spare Part	Water Hose Rad Bend Top	224002631
2022-07-14T12:15:24.610Z	JGQO80877701216098	MXOY52059968115916	1	Spare Part	Water Hose Rad Bend Top	224002631
2022-07-14T12:15:24.483Z	JGQO80877701216098	OMHK30797892742134	1	Spare Part	Flange Pipe Rear Engine	224002631
2022-07-19T09:23:39.313Z	IEMS55032285882223	QSYI04028709810378	1	Cables Harness	Ignition Switch	224264774
2022-08-15T08:47:55.213Z	HYJH41091962059198	GSMH23853283555209	1	Assy Parts	Suction Filter Assembly Bran…	224002627
2022-08-15T08:47:56.220Z	HYJH41091962059198	TOGD40822432657814	1	Valve Bank	Valve Bank Lever For Switch	224002627
2022-08-16T14:43:49.240Z	IEMS55032285882223	DMKG45821706225103	1	Spare Part	Retro fit Seat Switch Kit	224068165



Column Name	Data Type	Unique Values	Missing Values	Cardinality	Recommended ML Type
Product_Code	string	32	0	0	label
Quantity	float	82	0	0	feature
Customer	string	739	0	0.01	feature
OrderNumber	integer	853	0	0.01	feature
ItemDescription	string	5410	0	0.08	feature
Item	string	6748	0	0.1	feature
Createdate	string	43953	0	0.67	feature


Easy ML
Generate Quest
Experiment
Selected Model
Discarded Models
Details
Load
Label
Train
Test
Prediction
Select the best model
XGBClassifier
Accuracy : 1
Applied Algorithm: XGBClassifier
Problem Type: Classification
Hyperparameter auto-tuning: no
Accuracy: 1
Precision: 1
Recall: 1
Feature Importance XGB (c)
ProductName_6
DistributionChannel_1
Commision(invalue
Agency_10
Agency_7
Agency_3
ProductName_13
Agency_4
ProductName_12
0
0.2
0.4
0.6
RandomForestClassifier
Accuracy : 1
Applied Algorithm: RandomForestClassifier
Problem Type: Classification
Hyperparameter auto-tuning: no
Accuracy: 1
Precision: 1
Recall: 1
Feature Importance RF (c)
Commision(invalue
Agency_1
Agency_3
Agency_4
ProductName_5
Destination_3
Agency_5
ProductName_6
ProductName_3
0
0.05
0.10
0.15
0.20
Test the model